

PUBLIC NOTICE

PERMIT APPLICATION: NRS#05.316

APPLICANT: Mark Matthews
8134 Country Village Drive
Suite 101
Cordova, TN 38018
(901) 257-3510

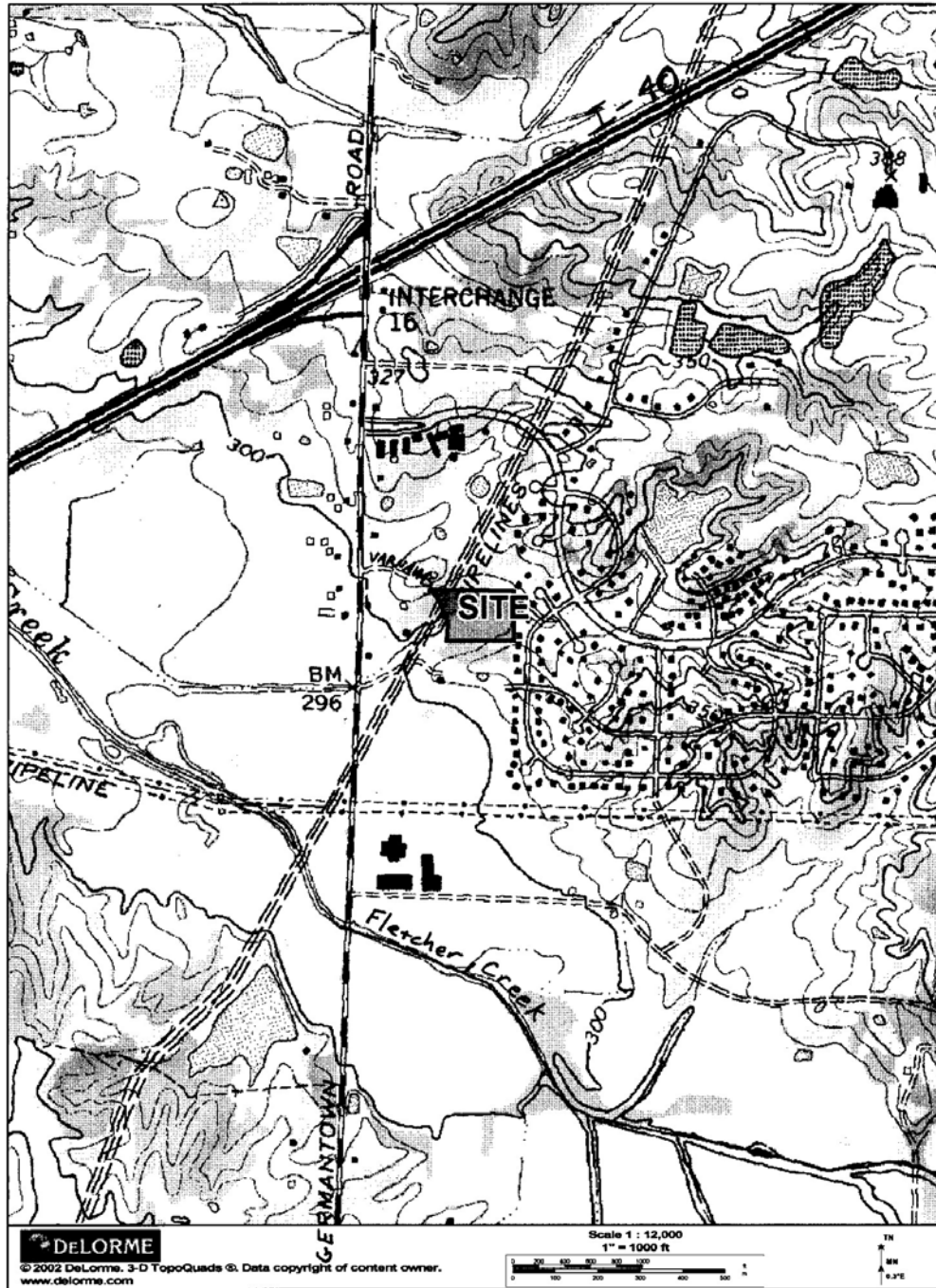
LOCATION: Unnamed tributary to Fletcher Creek
Shelby County
Lat/Long: approx. 35.1883°N/-89.7906°S

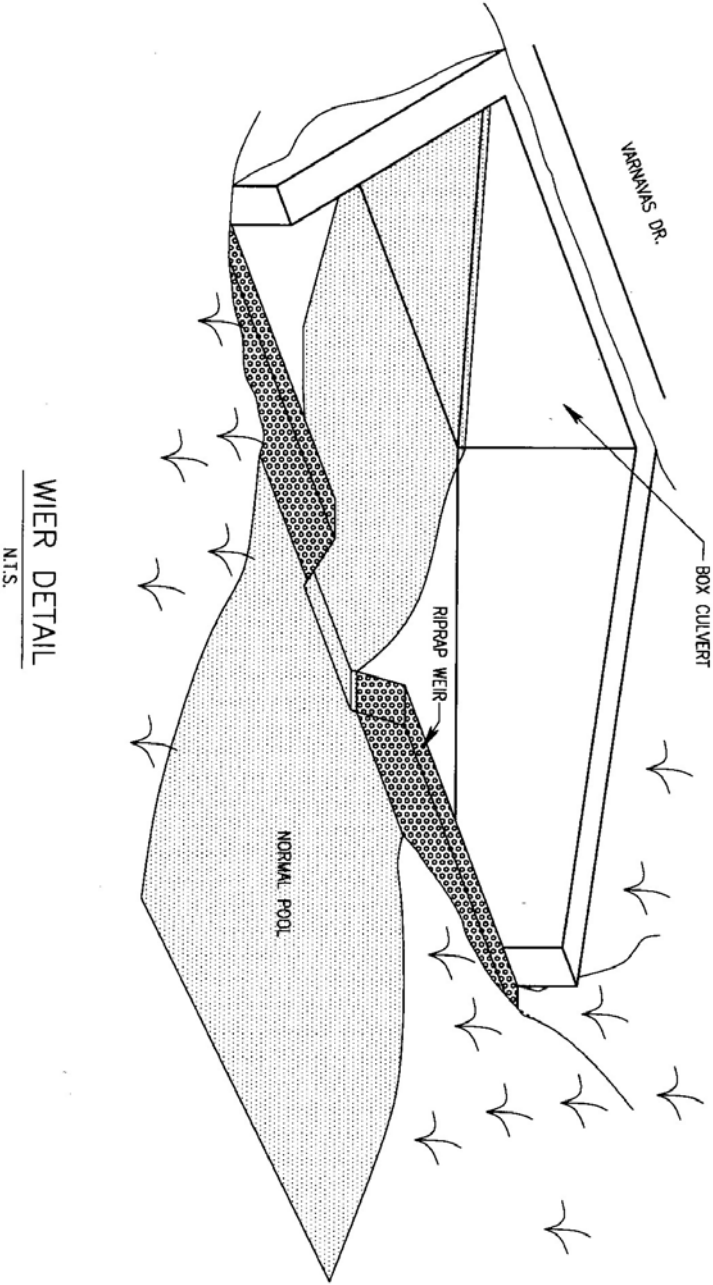
WATERSHED DESCRIPTION: The proposed affected waterbody is an unnamed tributary to Fletcher Creek that is up to 65 feet wide at the water surface. Water enters the drainage via a concrete drainage pipe directly upstream. The existing banks are up to 110 feet wide at top of bank and are covered with grass. The area is residential to the east and mostly commercial to the north, west, and south.

PROJECT DESCRIPTION: The applicant proposes to install a weir spanning approximately 50 feet of an unnamed tributary to Fletcher Creek. The weir will provide detention for MSM Planned Development and will be installed immediately upstream of a box culvert crossing Varnavas Drive. Base flows will continue to pass, just as they do now. The bottom of the weir will be placed at the current water surface so as to not increase the upstream elevation of the tributary during normal pool. The weir will be a reinforced concrete trapezoidal weir approximately 8 inches in thickness and will be abutted to the existing concrete floor of the box culvert. **In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.**

PERMIT COORDINATOR: Kelly Morrison

USGS TOPOGRAPHIC QUADRANGLE: Ellendale Quad (409-NE)





Pictures

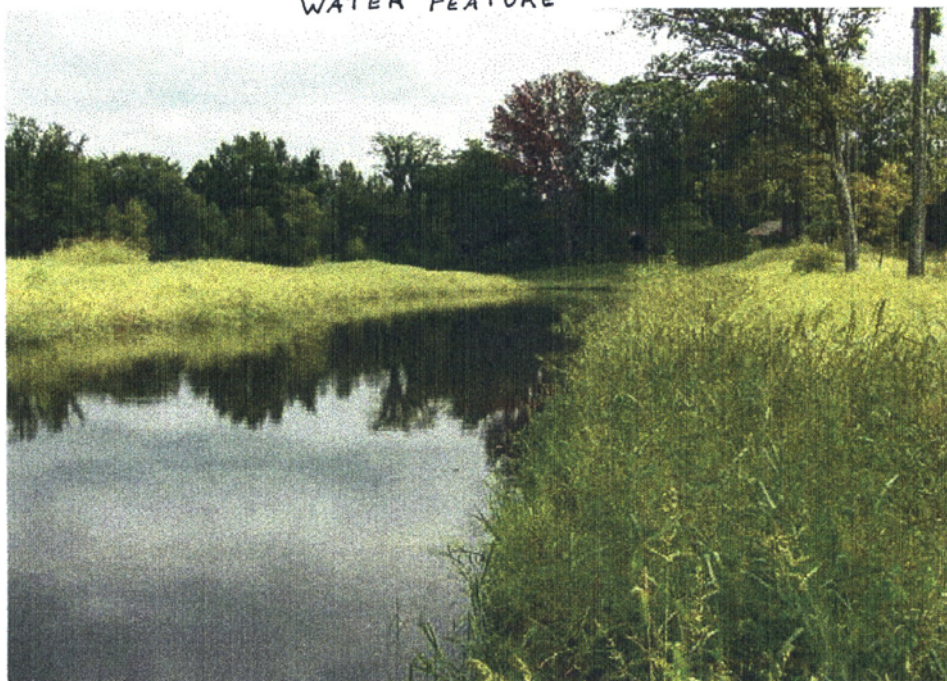
CONCRETE BOX CULVERT UNDER VARNAVAS DR.



VIEW OF WATER FEATURE AND CULVERT APRON FROM VARNAVAS DR.

WATER FEATURE

SITE 2



↑ TWIN CONCRETE BOX CULVERT UNDER VARNAVAS DR.